

09/481847

Docket No. JA998-232**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD TO COMPUTE IN JACOBIAN OF HYPERELLIPTIC CURVE DEFINED OVER GALOIS FIELD OF CHARACTERISTIC 2

the specification of which (check one)

 is attached hereto.X was filed on January 14, 2000 asApplication Serial No. 09/481,847and was amended on

(if applicable)



I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

11-007384

(Number)

Japan

(Country)

14/1/99

(Day/Month/Year Filed)

X Yes No

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Ronald L. Drumheller (Reg. No. 25,674); Douglas W. Cameron (Reg. No. 31,596);
 Louis P. Herzberg (Reg. No. 41,500); Kevin M. Jordan (Reg. No. 40,277);
 Stephen C. Kaufman (Reg. No. 29,551); Daniel P. Morris (Reg. No. 32,053);
 Louis J. Percello (Reg. No. 33,206); Jay P. Sbrollini (Reg. No. 36,266);
 Manny W. Schechter (Reg. No. 31,722); Robert P. Tassinari, Jr. (Reg. No. 36,030);
 Robert M. Trepp (Reg. No. 25,933).

Send Correspondence to: Ronald L. Drumheller, Esq.94 Teakettle Spout Road, Mahopac, NY, 10541.Direct Telephone Calls to: (name and telephone number) Ronald L. Drumheller (914) 628-6090.

2 P 1:20 PM APR. 25. 2000

TEL: 914 628 6197

FROM: Ronald L. Drumheller, Esq.

Docket No. JA998-232**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**Tetsuya TAMURA

Full name of sole or first inventor

Tetsuya Tamura
Inventor's Signature25/4/2000
Date1-7-1 Tsukimino, Yamato-shi, Kanagawa-ken, Japan
ResidenceJapan
CitizenshipSame as above
Post Office Address

Full name of second joint-inventor, if any

Inventor's signature

Date

Residence

Citizenship

Same as above
Post Office Address

Full name of third joint inventor, if any

Inventor's Signature

Date

Residence

Citizenship

Same as above
Post Office Address

(SOLE FORM)

(IBM Docket JA998-212)

Assignment

Whereas, I

Tetsuya TAMURA

of Kanagawa-ken, Japan

have invented certain improvements in

APPARATUS AND METHOD TO COMPUTE IN JACOBIAN OF HYPERELLIPTIC CURVE DEFINED OVER GALOIS FIELD OF CHARACTERISTIC 2

DATE and executed a United States patent application therefor on 04/25/2000 19

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY at Yamato
DATE on 25/4/2000

<u>Tetsuya</u>	<u>Tamura</u>	SIGNATURE
(Tetsuya	Tamura)	INVENTOR
FIRST NAME	MIDDLE INITIAL	LAST NAME

State of _____) ss.:
Country of Japan)

On this 25th day of April, 2000 19, before me personally came TETSUYA TAMURA to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Hiroshi Sakaguchi
Notary

HIROSHI SAKAGUCHI
(Patent Attorney)
(Registration Number:8624)



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09/481,847

Atty. Docket No. JA998-232

RECORDATION FORM COVER SHEET
PATENTS ONLY

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To The Honorable Commissioner of Patents and Trademarks
Please record the attached original documents or copy thereof.

Palys

1. Name of conveying party(ies):

Tetsuya TAMURA

Additional name(s) of conveying
party(ies) attached? Yes X No

2. Name and address of receiving party(ies):

Name: International Business Machines
Corporation

Address: Armonk, NY 10504

3. Nature of conveyance:

X Assignment

Execution Date(s): 4/25/00

4. Patent Application number(s)

Serial No.

Filed: January 14, 2000

Execution Date(s): 4/25/00

5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Ronald L. Drumheller, Esq.

Address: 94 Teakettle Spout Road
Mahopac, New York 10541

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41): \$40.00

X Charge to Deposit Account No.:

04-1677

DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of original document.

Ronald L. Drumheller (Reg. No. 25,674)

Name of Person Signing

Signature

4/28/00

Date

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

05/25/00

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